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WPI Acc No: 1996-402127/199640

XRAM Acc No: C96-126391

Compsn. for stimulating or enhancing growth of hair or nail
tissue - comprises non-steroidal anabolic hormone(s), aminoacid(s),
vitamin(s), inorganic ions and glucose

Patent Assignee: LIFE MEDICAL SCI INC (LIFE-N); HOWMET CORP (HOWM)

Inventor: LINDENBAUM E

Number of Countries: 070 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9625943	A1	19960829	WO 96US2341	A	19960221	199640 B
AU 9649904	A	19960911	AU 9649904	A	19960221	199651
JP 9010915	A	19970114	JP 9659965	A	19960222	199712
EP 812210	A1	19971217	EP 96906564	A	19960221	199804
			WO 96US2341	A	19960221	

Priority Applications (No Type Date): US 95537515 A 19951002; US 95394005 A 19950223

Cited Patents: 3.Jnl.Ref; US 4205126

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9625943	A1	E	59	A61K-038/28	
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Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN

Designated States (Regional): AT BE CH DE DK EA ES FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG

AU 9649904	A			A61K-038/28	Based on patent WO 9625943
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JP 9010915	A		9	B22D-018/06	
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EP 812210	A1	E		A61K-038/28	Based on patent WO 9625943
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Designated States (Regional): AL AT BE CH DE DK ES FR GB GR IE IT LI LT LU LV MC NL PT SE SI

Abstract (Basic): WO 9625943 A

Compsn., comprising at least one non-steroidal anabolic hormone selected from insulin, triiodothyronine (T3) and thyroxine (T4), in combination with a minimum essential medium (MEM), contg. essential amino acids, a vitamin mixt. of folate, niacinamide, pantothenate, pyridoxine, riboflavin, and thiamine, an inorganic ion mixt. of calcium, sodium, potassium, chloride and magnesium, and glucose; for use in: (a) stimulating or enhancing the growth of hair or unguinal (nail) tissue in intact skin; (b) revitalising skin; and (c) restoring natural colour to hair in intact skin, in which the hair colour has diminished; is new.

USE - The compsn. promotes vascularisation and angiogenesis in the dermis, stimulating dormant, dying, or weak hair follicles to produce hair and promote its growth. It also promotes melanogenesis in the follicles, restoring the natural colour of grey, greying, and damaged hair. The increased vascularisation and blood flow also has a revitalising effect on the skin, to become smoother, softer, more moist, oily, and waxy, more pleasing to the vision and touch cosmetically. In addn. to human use, the compsn. can also be of value to increase hair prodn. by domesticated animals, a partic. example being sheep. Opt. addns. to the compsn. are penetration enhancer(s), and gelling agent(s), if a gel form is desired. Addn. of growth hormone (GH), partic. human GH (hGH) for human use, is pref.

ADVANTAGE - The compsn. shows little, if any, toxicity, unlike Minoxidil, which can have hepatotoxic, tachycardiac, and contact dermatitis side effects.

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Title Terms: COMPOSITION; STIMULATING; ENHANCE; GROWTH; HAIR; NAIL; TISSUE; COMPRISE; NON; STEROIDAL; ANABOLIC; HORMONE; AMINOACID; VITAMIN; INORGANIC; ION; GLUCOSE

Derwent Class: B05; D21; E19; P53; Q51

International Patent Class (Main): A61K-038/28; B22D-018/06

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File Segment: CPI; EngPI

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